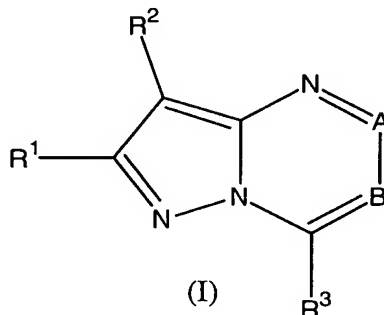


This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Original) A compound of formula I:



or a stereoisomer or pharmaceutically acceptable salt thereof,  
wherein:

A equals N or CR<sup>5</sup>;

B equals CR<sup>4</sup>,

provided that A can not be CR<sup>5</sup> and B can not be CR<sup>4</sup> to form a  
pyrazolopyrimidine;

R<sup>1</sup> is independently selected from the group consisting of

H,

halogen,

CN,

C<sub>1-6</sub> alkyl,

C<sub>2-10</sub> alkenyl,

C<sub>2-10</sub> alkynyl,

C<sub>3-6</sub> cycloalkyl,

C<sub>1-6</sub> alkyloxy,

C<sub>1-6</sub> alkylS(O)<sub>n</sub>,

-NR<sup>1a</sup>R<sup>1b</sup> wherein R<sup>1a</sup> and R<sup>1b</sup> are independently selected from H,  
C<sub>1-4</sub> alkyl, C<sub>3-8</sub> cycloalkyl, -C(O)C<sub>1-4</sub>alkyl,  
C<sub>1-6</sub> alkylNR<sup>1a</sup>R<sup>1b</sup>,  
NR<sup>1a</sup>COR<sup>1b</sup>,  
-C(O)NR<sup>1a</sup>R<sup>1b</sup>,  
-O-C(O)C<sub>1-4</sub>alkyl,

-XR<sup>1c</sup> wherein R<sup>1c</sup> is selected from H or -C<sub>1-4</sub> alkylaryl;  
X is selected from O or S(O)<sub>n</sub>,

wherein R<sup>1</sup> is substituted with 0-6 substituents selected from  
halogen, C<sub>1-4</sub> alkyl, C<sub>3-8</sub> cycloalkyl, C<sub>1-6</sub> alkyloxy, C<sub>1-4</sub>  
haloalkyl, C<sub>1-4</sub> alkylamino, C<sub>2-8</sub> dialkylamino, C<sub>1-4</sub> alkylthio, C<sub>1-4</sub>  
alkylsulfinyl or C<sub>1-4</sub> alkylsulfonyl;

R<sup>2</sup> is selected from the group consisting of H, OR<sup>7</sup>, SH, NR<sup>6</sup>R<sup>7</sup>,  
C(OH)R<sup>6</sup>R<sup>6a</sup>, C(OR<sup>7</sup>)R<sup>6</sup>R<sup>6a</sup>, S(O)<sub>n</sub>R<sup>13</sup>, COR<sup>7</sup>, CO<sub>2</sub>R<sup>7</sup>, CHR<sup>6</sup>(OR<sup>7</sup>)R<sup>6a</sup>,  
OC(O)R<sup>13</sup>, NO, NO<sub>2</sub>, NR<sup>6</sup>C(O)R<sup>7</sup>, N(COR<sup>7</sup>)<sub>2</sub>, NR<sup>8</sup>CONR<sup>6</sup>R<sup>7</sup>, NR<sup>6</sup>CO<sub>2</sub>R<sup>7</sup>; or

C<sub>1-10</sub> alkyl,  
C<sub>2-10</sub> alkenyl,  
C<sub>2-10</sub> alkynyl,  
C<sub>3-8</sub> cycloalkyl,  
C<sub>3-6</sub> cycloalkyl C<sub>1-6</sub> alkyl,  
C<sub>1-10</sub> alkyloxy,  
C<sub>1-10</sub> alkyloxyC<sub>1-10</sub> alkyl,  
-SO<sub>2</sub>-C<sub>1-10</sub>alkyl  
-SO<sub>2</sub>R<sup>2a</sup> wherein R<sup>2a</sup> is aryl,  
-SO<sub>2</sub>R<sup>2b</sup> wherein R<sup>2b</sup> is heteroaryl,  
-NR<sup>2c</sup>R<sup>2d</sup> wherein R<sup>2c</sup> and R<sup>2d</sup> are independently selected from H,  
C<sub>1-8</sub> alkyl, S(O)<sub>n</sub>C<sub>1-4</sub>alkyl, C(O)NR<sup>2c</sup>R<sup>2d</sup>, CO<sub>2</sub>C<sub>1-4</sub>alkyl, C<sub>3-8</sub>  
cycloalkyl, C<sub>1-6</sub> alkyloxyC<sub>1-6</sub> alkyl, or -C(O)C<sub>1-4</sub>alkyl,  
  
- halogen,  
-CN,

-C(O)-L wherein L is selected from H,  $\text{NR}^{2c}\text{R}^{2d}$ ,  $\text{C}_{1-6}$  alkyl or  $\text{OC}_{1-4}$  alkyl,  $\text{O}(\text{CH}_2)_m\text{OR}$  wherein R is  $\text{C}_{1-3}$  alkyl,  $\text{O}(\text{CH}_2)_m-\text{NR}^{2c}\text{R}^{2d}$ , OH,  $\text{C}(\text{O})\text{OC}_{1-6}$  alkyl or aryl or heteroaryl wherein m is 1-4;

-OC(O)-M wherein M is selected from  $\text{C}_{1-4}$  alkyl,  $\text{C}_{1-4}$  haloalkyl,  $\text{C}_{2-8}$  alkoxyalkyl,  $\text{C}_{3-6}$  cycloalkyl,  $\text{C}_{4-12}$  cycloalkylalkyl, aryl,  $\text{C}_{1-6}$  alkylaryl, heteroaryl,  $\text{C}_{1-6}$  alkylheteroaryl;

n is 0, 1 or 2; and wherein

$\text{R}^2$  is substituted with 0-3 substituents independently selected from  $\text{R}'$ ,  $\text{R}''$ ,  $\text{R}'''$  wherein  $\text{R}'$ ,  $\text{R}''$  and  $\text{R}'''$  are independently selected from  $\text{C}_{1-6}$  alkyl,  $\text{C}_{3-7}$  cycloalkyl, hydroxy $\text{C}_{1-6}$  alkyl,  $\text{C}_{1-6}$  alkyloxy $\text{C}_{1-6}$  alkyl,  $\text{C}_{2-6}$  alkenyl,  $\text{C}_{2-6}$  alkynyl,  $\text{C}_{1-6}$  alkyloxy, hydroxy, or

$\text{R}^2$  is substituted with 0-3 substituents independently selected from:

halogen,

-CN,

-S(O) $_n\text{R}^{2e}$  wherein  $\text{R}^{2e}$  is selected from  $\text{C}_{1-4}$  alkyl,  $\text{C}_{1-4}$  haloalkyl,  $\text{C}_{1-4}$  alkyloxy  $\text{C}_{1-4}$  alkyl,  $\text{C}_{3-6}$  cycloalkyl;

-COR $^{2f}$  wherein  $\text{R}^{2f}$  is selected from H,  $\text{C}_{1-4}$  alkyl,  $\text{C}_{1-4}$  haloalkyl,  $\text{C}_{1-4}$  alkyloxy  $\text{C}_{1-4}$  alkyl,  $\text{C}_{3-6}$  cycloalkyl, and  $\text{C}_{3-6}$  cycloalkyl  $\text{C}_{1-4}$  alkyl;

-CO $_2\text{R}^{2f}$ ,

-NR $^{2g}$ COR $^{2f}$  wherein  $\text{R}^{2g}$  is selected from H,  $\text{C}_{1-6}$  alkyl,  $\text{C}_{3-7}$  cycloalkyl,  $\text{C}_{3-6}$  cycloalkyl  $\text{C}_{1-6}$  alkyl;

-N(COR $^{2f}$ ) $_2$ ,

-NR $^{2g}$ CONR $^{2f}\text{R}^{2h}$ , wherein  $\text{R}^{2h}$  is selected from H,  $\text{C}_{1-6}$  alkyl,  $\text{C}_{1-4}$  haloalkyl,  $\text{C}_{1-4}$  alkoxy  $\text{C}_{1-4}$  alkyl,  $\text{C}_{3-6}$  cycloalkyl and  $\text{C}_{3-6}$  cycloalkyl $\text{C}_{1-6}$  alkyl;

-NR<sup>2g</sup>CO<sub>2</sub>R<sup>2e</sup>,  
-CONR<sup>2g</sup>R<sup>2h</sup>,  
1-morpholinyl,  
1-piperidinyl,  
1-piperazinyl,  
and

C<sub>3-8</sub> cycloalkyl wherein 0-1 carbon atoms in the C<sub>4-8</sub> cycloalkyl is replaced by a group selected from -O-, -S(O)<sub>n</sub>-, -NR<sup>2g</sup>-, -NCO<sub>2</sub>R<sup>2e</sup>, -NCOR<sup>2e</sup>, and -NSO<sub>2</sub>R<sup>2e</sup>; and wherein N<sup>4</sup> in 1-piperazinyl is substituted with 0-1 substituents selected from R<sup>2g</sup>, CO<sub>2</sub>R<sup>2e</sup>, COR<sup>2e</sup> and SO<sub>2</sub>R<sup>2e</sup>; or

the group R<sup>2i</sup>, R<sup>2j</sup>, R<sup>2k</sup>, C<sub>1-6</sub> alkyl, C<sub>2-8</sub> alkenyl, C<sub>2-8</sub> alkynyl, Br, Cl, F, I, C<sub>1-4</sub> haloalkyl, -OR<sup>2g</sup>, -NR<sup>2g</sup>R<sup>2h</sup>, -C<sub>1-6</sub> alkyl-OR<sup>2g</sup>, and C<sub>3-8</sub> cycloalkyl which is substituted with 0-1 R<sup>2i</sup> and in which 0-1 carbons of C<sub>4-8</sub> cycloalkyl is replaced by -O-, wherein

R<sup>2i</sup> is selected from aryl wherein aryl is selected from phenyl, naphthyl, indanyl and indenyl, each R<sup>2i</sup> being substituted with 0-1 OR<sup>2m</sup> and 0-5 substituents independently selected from the group C<sub>1-6</sub> alkyl, C<sub>3-6</sub> cycloalkyl, Br, Cl, F, I, C<sub>1-4</sub> haloalkyl, -CN, nitro, -SH, -S(O)<sub>n</sub>R<sup>2n</sup>, -COR<sup>2m</sup>, -OC(O)R<sup>2n</sup>, -NR<sup>2g</sup>COR<sup>2m</sup>, -N(COR<sup>2m</sup>)<sub>2</sub>, -NR<sup>2g</sup>CONR<sup>2o</sup>R<sup>2p</sup>, -NR<sup>2g</sup>CO<sub>2</sub>R<sup>2n</sup>, -NR<sup>2o</sup>R<sup>2p</sup> and -CONR<sup>2o</sup>R<sup>2p</sup>;

R<sup>2j</sup> is selected from heteroaryl wherein heteroaryl is selected from pyridyl, pyrimidinyl, triazinyl, furanyl, quinolinyl, isoquinolinyl, thienyl, imidazolyl, thiazolyl, indolyl, pyrrolyl, oxazolyl, benzofuranyl, benzothienyl, benzothiazolyl, benzoxazolyl, isoxazolyl, pyrazolyl, triazolyl, tetrazolyl, indazolyl, 2,3-dihydrobenzofuranyl, 2,3-dihydrobenzothienyl, 2,3-dihydrobenzothienyl-s-oxide, 2,3-dihydro-benzothienyl-S-dioxide, indolinyl, benzoxazolin-2-onyl, benzodioxolanyl and benzodioxane, each heteroaryl being substituted on 0-4 carbon atoms with a substituent independently selected from the group C<sub>1-6</sub> alkyl, C<sub>3-6</sub>

cycloalkyl, Br, Cl, F, I, C<sub>1-4</sub> haloalkyl, -CN, nitro, OR<sup>2m</sup>, -SH, -S(O)<sub>n</sub>R<sup>2h</sup>, -COR<sup>2m</sup>, -OC(O)R<sup>2h</sup>, -NR<sup>2g</sup>COR<sup>2m</sup>, -N(COR<sup>2m</sup>)<sub>2</sub>, -NR<sup>2g</sup>CONR<sup>2o</sup>R<sup>2p</sup>, -NR<sup>2g</sup>CO<sub>2</sub>R<sup>2h</sup>, -NR<sup>2o</sup>R<sup>2p</sup> and -CONR<sup>2o</sup>R<sup>2p</sup> and each heteroaryl being substituted on any nitrogen atom with 0-1 substituents selected from the group R<sup>2g</sup>, CO<sub>2</sub>R<sup>2e</sup>, COR<sup>2e</sup> and SO<sub>2</sub>R<sup>2e</sup>;

R<sup>2k</sup> is heterocyclyl which is a saturated or partially saturated heteroaryl as defined for R<sup>2j</sup>, each heterocyclyl being substituted on 0-4 carbon atoms with a substituent independently selected from the group C<sub>1-6</sub> alkyl, C<sub>3-6</sub> cycloalkyl, Br, Cl, F, I, C<sub>1-4</sub> haloalkyl, -CN, nitro, -OR<sup>2m</sup>, -SH, -S(O)<sub>n</sub>R<sup>2h</sup>, -COR<sup>2m</sup>, -OC(O)R<sup>2h</sup>, -NR<sup>2g</sup>COR<sup>2m</sup>, -N(COR<sup>2m</sup>)<sub>2</sub>, -NR<sup>2g</sup>CONR<sup>2o</sup>R<sup>2p</sup>, NR<sup>2g</sup>CO<sub>2</sub>R<sup>2h</sup>, -NR<sup>2o</sup>R<sup>2p</sup> and -CONR<sup>2o</sup>R<sup>2p</sup> and each heterocyclyl being substituted on any nitrogen atom with 0-1 substituents selected from the group R<sup>2f</sup>, CO<sub>2</sub>R<sup>2e</sup>, COR<sup>2e</sup> and SO<sub>2</sub>R<sup>2e</sup>;

wherein

R<sup>21</sup> is H, C<sub>1-4</sub> alkyl, C<sub>3-6</sub> cycloalkyl-C<sub>1-4</sub> alkyl or C<sub>3-8</sub> cycloalkyl;

R<sup>2m</sup> is H, C<sub>1-6</sub> alkyl, C<sub>3-6</sub> cycloalkyl C<sub>1-6</sub> alkyl, C<sub>1-2</sub> alkyloxy C<sub>1-2</sub> alkyl, C<sub>1-4</sub> haloalkyl, R<sup>2q</sup>S(O)<sub>n</sub>-C<sub>1-4</sub> alkyl or R<sup>2r</sup>R<sup>2s</sup>N-C<sub>2-4</sub> alkyl;

R<sup>2n</sup> is H, C<sub>1-6</sub> alkyl, C<sub>3-10</sub> cycloalkyl, C<sub>3-6</sub> cycloalkyl-C<sub>1-6</sub> alkyl, C<sub>1-2</sub> alkyloxy C<sub>1-2</sub> alkyl, or C<sub>1-4</sub> haloalkyl;

R<sup>2o</sup> and R<sup>2p</sup> are independently selected at each occurrence from H, C<sub>1-6</sub> alkyl, C<sub>3-10</sub> cycloalkyl, C<sub>3-6</sub> cycloalkyl C<sub>1-6</sub> alkyl and C<sub>1-4</sub> haloalkyl;

R<sup>2q</sup> is selected from C<sub>1-6</sub> alkyl, C<sub>1-4</sub> haloalkyl, C<sub>1-4</sub> alkoxy-C<sub>1-4</sub> alkyl, C<sub>3-6</sub> cycloalkyl, C<sub>3-6</sub> cycloalkyl-C<sub>1-6</sub> alkyl, aryl, aryl (C<sub>1-4</sub> alkyl), heteroaryl and heteroaryl (C<sub>1-4</sub> alkyl)- and benzyl, each benzyl being substituted on the aryl moiety with 0-1

substituents selected from the group  $C_{1-4}$  alkyl, Br, Cl, F, I,  $C_{1-4}$  haloalkyl, nitro,  $C_{1-4}$  alkoxy  $C_{1-4}$  haloalkoxy, and dimethylamino;

$R^{2r}R^{2s}$  taken together with the N form 1-pyrrolidinyl, 1-morpholinyl, 1-piperidinyl or 1-piperazinyl wherein  $N^4$  in 1-piperiazinyl is substituted with 0-1 substituents selected from the group  $R^{2t}$ ,  $CO_2R^{2q}$ ,  $COR^{2q}$  and  $SO_2R^{2q}$ ;

$R^{2t}$  is selected from H,  $C_{1-4}$  alkyl,  $C_{1-4}$  haloalkyl,  $C_{1-4}$  alkoxy- $C_{1-4}$  alkyl,  $C_{3-6}$  cycloalkyl,  $C_{3-6}$  cycloalkyl -  $C_{1-6}$  alkyl, aryl, aryl ( $C_{1-4}$  alkyl)-, heteroaryl and heteroaryl ( $C_{1-4}$  alkyl);

$R^3$  is an aryl or heteroaryl group attached through an unsaturated carbon atom;

aryl is selected from phenyl, naphthyl, indanyl and indenyl, each aryl being substituted with 0-5 substituents independently selected at each occurrence from  $C_{1-6}$  alkyl,  $C_{3-6}$  cycloalkyl, methylenedioxy,  $C_{1-4}$  alkyloxy- $C_{1-4}$  alkyloxy,  $-OR^{2m}$ , Br, Cl, F, I,  $C_{1-4}$  haloalkyl,  $-CN$ ,  $-NO_2$ ,  $-SH$ ,  $-S(O)_nR^{2n}$ ,  $-COR^{2m}$ ,  $-CO_2R^{2m}$ ,  $-OC(O)R^{2n}$ ,  $-NR^{2g}COR^{2m}$ ,  $-N(COR^{2m})_2$ ,  $-NR^{2g}CONR^{2o}R^{2p}$ ,  $-NR^{2g}CO_2R^{2h}$ ,  $-NR^{2o}R^{2p}$  and  $CONR^{2o}R^{2p}$ ;

heteroaryl is selected from the group pyridyl, pyrimidyl, triazinyl, furanyl, quinolinyl, isoquinolinyl, thienyl, imidazolyl, thiazolyl, indolyl, pyrrolyl, oxazolyl, benzofuranyl, benzothienyl, benzothiazolyl, benzoxazolyl, isoxazolyl, triazolyl, tetrazolyl, indazolyl, 2,3-dihydrobenzo-furanyl, 2,3-dihydrobenzothienyl, 2,3-dihydrobenzothienyl-S-oxide, 2,3-dihydrobenzothienyl-s-dioxide, indolinyl, benzoxazolin-2-on-yl, benzodioxolanyl and benzodioxane, each heteroaryl being substituted at 0-4 carbon atoms with a substituent independently selected at each occurrence from the group  $C_{1-6}$  alkyl,  $C_{3-6}$  cycloalkyl, Br, F, I,

C<sub>1-4</sub> haloalkyl, -CN, NR<sup>2g</sup>R<sup>2h</sup>, nitro, -OR<sup>2m</sup>, -SH, -S(O)<sub>n</sub>R<sup>2n</sup>, COR<sup>2m</sup>, -CO<sub>2</sub>R<sup>2m</sup>, -OC(O)R<sup>2n</sup>, -NR<sup>2g</sup>COR<sup>2m</sup>, -N(COR<sup>2m</sup>)<sub>2</sub>, -NR<sup>2g</sup>CONR<sup>2o</sup>R<sup>2p</sup> and each heteroaryl being substituted at any nitrogen atom with 0-1 substituents selected from the group R<sup>2g</sup>, CO<sub>2</sub>R<sup>3a</sup>, COR<sup>3a</sup> and SO<sub>2</sub>R<sup>3a</sup> wherein,

R<sup>3a</sup> is selected from the group C<sub>1-6</sub> alkyl, C<sub>1-4</sub> cycloalkyl-C<sub>1-6</sub> alkyl and benzyl, each benzyl being substituted on the aryl moiety with 0-1 substituents selected from the group C<sub>1-4</sub> alkyl, Br, Cl, F, I, C<sub>1-4</sub> haloalkyl, nitro, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> haloalkoxy, and dimethylamino;

R<sup>4</sup> and R<sup>5</sup> are independently selected at each occurrence from H, Br, Cl, F, I, -CN, C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, C<sub>3-8</sub> cycloalkyl, C<sub>1-6</sub> alkyloxy, C<sub>1-6</sub> alkylthio, C<sub>1-6</sub> alkylsulfinyl, C<sub>1-6</sub> alkylsulfonyl, amino, C<sub>1-4</sub> alkylamino, (C<sub>1-4</sub> alkyl)<sub>2</sub> amino and phenyl, each phenyl is substituted with 0-3 groups selected from the group consisting of C<sub>1-7</sub> alkyl, C<sub>3-8</sub> cycloalkyl, Br, Cl, F, I, -C(O)H, C<sub>1-4</sub> haloalkyl, nitro, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> haloalkoxy, C<sub>1-4</sub> alkylthio, C<sub>1-4</sub> alkylsulfinyl, C<sub>1-4</sub> alkylsulfonyl, C<sub>1-6</sub> alkylamino and (C<sub>1-4</sub> alkyl)<sub>2</sub> amino and wherein R<sup>4</sup> and R<sup>5</sup> non-phenyl groups may be substituted with 0-5 substituents selected from OH, halogen, -C(O)H, -OC<sub>1-6</sub>-alkyl and C<sub>1-6</sub> haloalkyl, C<sub>1-6</sub> alkyl, C<sub>3-7</sub> c-alkyl, C<sub>1-6</sub> alkyl(OH)<sub>n</sub>CO<sub>2</sub>R wherein R is H or C<sub>1-6</sub> alkyl, C<sub>1-6</sub> alkyl(OH)<sub>n</sub>, wherein n is 0-3 or R<sup>4</sup> and R<sup>5</sup> may join together to form a C<sub>3-6</sub> alkylene chain;

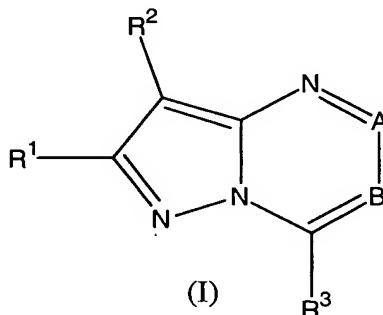
R<sup>6</sup>, R<sup>6a</sup> and R<sup>7</sup> are independently selected from: H, C<sub>1-10</sub> alkyl, C<sub>3-10</sub> cycloalkyl, C<sub>3-10</sub> alkenyl, C<sub>3-10</sub> alkynyl, C<sub>1-10</sub> haloalkyl, C<sub>2-8</sub> alkoxyalkyl, C<sub>4-12</sub> cycloalkylalkyl, C<sub>5-10</sub> cycloalkenyl, and C<sub>6-14</sub> cycloalkenylalkyl;

R<sup>6</sup>, R<sup>6a</sup> and R<sup>7</sup> are substituted with 0-6 substituents independently selected from halogen, C<sub>1-4</sub> alkyl, C<sub>3-8</sub> cycloalkyl, C<sub>1-6</sub> alkyloxy and C<sub>1-4</sub> haloalkyl;

with the that the compounds of Formula I with  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$  and  $R^5$  as specifically defined below are excluded:

- (a) a compound of formula I wherein  $A=CR^5$ ,  $R^5$  is p-Cl-Ph,  $R^1=H$ ,  $R^2=H$  and  $R^3 = p-CF_3-Ph$  ;
- (b) a compound of formula I wherein  $A=CR^5$ ,  $R^5=p-Cl-Ph$ ,  $R^1= CH_3$ ,  $R^2=H$ ,  $R^3= p-CF_3-Ph$  ;
- (c) a compound of formula I wherein  $A=CR^5$ ,  $R^5=Ph$ ,  $R^1 = Me$ ,  $R^2=H$ ,  $R^3=p-CF_3-Ph$  ;
- (d) a compound of formula I wherein  $A=CR^5$ ,  $R^5=Ph$ ,  $R^1=H$ ,  $R^2=H$ ,  $R^3=p-CF_3-Ph$  ;
- (e) a compound of formula I wherein  $A=CR^5$ ,  $R^3 = Ph$  and  $R^2$  is H, Br, CN,  $CO_2Et$  or Cl ;
- (f) a compound of formula I wherein  $A=CR^5$ ,  $R^5 = CH_3$ ,  $C_2H_5$  or Ph,  $R^1=H$ ,  $R^2=H$  and  $R^3=Ph$ .

2. (Original) A compound of formula I:



or a stereoisomer or pharmaceutically acceptable salt thereof, wherein:



A equals N or CR<sup>5</sup>;

B equals CR<sup>4</sup> ;

provided that A can not be CR<sup>5</sup> and B can not be CR<sup>4</sup> to form a pyrazolopyrimidine; and wherein,

R<sup>1</sup> is independently selected from the group consisting of

H,  
halogen,  
CN,  
C<sub>1-6</sub> alkyl,  
C<sub>2-10</sub> alkenyl,  
C<sub>2-10</sub> alkynyl,  
C<sub>3-6</sub> cycloalkyl,  
C<sub>1-6</sub> alkyloxy,  
C<sub>1-6</sub> alkylS(O)<sub>n</sub>,  
-NR<sup>1a</sup>R<sup>1b</sup> wherein R<sup>1a</sup> and R<sup>1b</sup> are independently selected from H,  
C<sub>1-4</sub> alkyl, C<sub>3-8</sub> cycloalkyl, -C(O)C<sub>1-4</sub>alkyl,  
C<sub>1-6</sub> alkylNR<sup>1a</sup>R<sup>1b</sup>,  
NR<sup>1a</sup>COR<sup>1b</sup>,  
-C(O)NR<sup>1a</sup>R<sup>1b</sup>,  
-O-C(O)C<sub>1-4</sub>alkyl,

-XR<sup>1c</sup> wherein R<sup>1c</sup> is selected from H or -C<sub>1-4</sub> alkylaryl;  
X is selected from O or S(O)<sub>n</sub>,

wherein R<sup>1</sup> is substituted with 0-6 substituents selected from halogen, C<sub>1-4</sub> alkyl, C<sub>3-8</sub> cycloalkyl, C<sub>1-6</sub> alkyloxy, C<sub>1-4</sub> haloalkyl, C<sub>1-4</sub>alkylamino, C<sub>2-8</sub>dialkylamino, C<sub>1-4</sub>alkyloxy, C<sub>1-4</sub> alkylthio, C<sub>1-4</sub> alkylsulfinyl or C<sub>1-4</sub> alkylsulfonyl;

$R^2$  is selected from the group consisting of  $OR^7$ ,  $SH$ ,  $NR^6R^7$ ,  $C(OH)R^6R^{6a}$ ,  $C(OR^7)R^6R^{6a}$ ,  $S(O)_nR^{13}$ ,  $COR^7$ ,  $CO_2R^7$ ,  $CHR^6(OR^7)R^{6a}$ ,  $OC(O)R^{13}$ ,  $NO$ ,  $NO_2$ ,  $NR^6C(O)R^7$ ,  $N(COR^7)_2$ ,  $NR^6CONR^6R^7$  or  $NR^6CO_2R^7$ ;

or  $R^2$  is selected from:

$C_{1-10}$  alkyl,

$C_{2-10}$  alkenyl,

$C_{2-10}$  alkynyl,

$C_{3-8}$  cycloalkyl,

$C_{3-6}$  cycloalkyl  $C_{1-6}$  alkyl,

$C_{1-10}$  alkyloxy,

$C_{1-10}$  alkyloxy $C_{1-10}$  alkyl,

$-SO_2-C_{1-10}$ alkyl

$-SO_2R^{2a}$  wherein  $R^{2a}$  is aryl,

$-SO_2R^{2b}$  wherein  $R^{2b}$  is heteroaryl,

$-NR^{2c}R^{2d}$  wherein  $R^{2c}$  and  $R^{2d}$  are independently selected from H,  $C_{1-8}$  alkyl,  $S(O)_nC_{1-4}$ alkyl,  $C(O)NR^{2c}R^{2d}$ ,  $CO_2C_{1-4}$ alkyl,  $C_{3-8}$ cycloalkyl,  $C_{1-6}$  alkyloxy $C_{1-6}$  alkyl,  $-C(O)C_{1-4}$ alkyl or  $R^{2c}$  and  $R^{2d}$  may join to form a heterocyclic ring having 0-3 heteroatoms selected from O, N or S,

$-C(O)-L$  wherein L is selected from H,  $NR^{2c}R^{2d}$ , and  $C_{1-6}$  alkyl

$O(CH_2)_mOR$  wherein R is  $C_{1-3}$  alkyl,  $O(CH_2)_m-NR^{2c}R^{2d}$ , OH,

$C(O)OC_{1-6}$ alkyl, or aryl or heteroaryl wherein m is 1-4; or

$-OC(O)-M$  wherein M is selected from  $C_{1-4}$  alkyl,  $C_{1-4}$  haloalkyl,

$C_{2-8}$  alkoxyalkyl,  $C_{3-6}$  cycloalkyl,  $C_{4-12}$  cycloalkylalkyl, aryl,  $C_{1-6}$  alkylaryl, heteroaryl, and  $C_{1-6}$  alkylheteroaryl;

n is 0, 1 or 2; and wherein

$R^2$  is substituted with 0-3 substituents independently selected from  $R'$ ,  $R''$ ,  $R'''$  wherein  $R'$ ,  $R''$  and  $R'''$  are independently selected from  $C_{1-6}$  alkyl,  $C_{3-7}$  cycloalkyl, hydroxy $C_{1-6}$  alkyl,  $C_{1-6}$

alkyloxyC<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, C<sub>1-6</sub> alkyloxy, and hydroxy, or

R<sup>2</sup> is substituted with 0-3 substituents independently selected from:

halogen,

-CN,

-S(O)<sub>n</sub>R<sup>2e</sup> wherein R<sup>2e</sup> is selected from C<sub>1-4</sub> alkyl, C<sub>1-4</sub> haloalkyl, C<sub>1-4</sub> alkyloxy C<sub>1-4</sub> alkyl, and C<sub>3-6</sub> cycloalkyl;

-COR<sup>2f</sup> wherein R<sup>2f</sup> is selected from H, C<sub>1-4</sub> alkyl, C<sub>1-4</sub> haloalkyl, C<sub>1-4</sub> alkyloxy C<sub>1-4</sub> alkyl, C<sub>3-6</sub> cycloalkyl, and C<sub>3-6</sub> cycloalkylC<sub>1-4</sub> alkyl;

-CO<sub>2</sub>R<sup>2f</sup>,

-NR<sup>2g</sup>COR<sup>2f</sup> wherein R<sup>2g</sup> is selected from H, C<sub>1-6</sub> alkyl, C<sub>3-7</sub> cycloalkyl, and C<sub>3-6</sub> cycloalkylC<sub>1-6</sub> alkyl;

-N(COR<sup>2f</sup>)<sub>2</sub>,

-NR<sup>2g</sup>CONR<sup>2f</sup>R<sup>2h</sup>, wherein R<sup>2h</sup> is selected from H, C<sub>1-6</sub> alkyl, C<sub>1-4</sub> haloalkyl, C<sub>1-4</sub> alkoxy C<sub>1-4</sub> alkyl, C<sub>3-6</sub> cycloalkyl and C<sub>3-6</sub> cycloalkylC<sub>1-6</sub> alkyl;

-NR<sup>2g</sup>CO<sub>2</sub>R<sup>2e</sup>,

-CONR<sup>2g</sup>R<sup>2h</sup>,

1-morpholinyl,

1-piperidinyl,

1-piperazinyl,

and

C<sub>3-8</sub> cycloalkyl wherein 0-1 carbon atoms in the C<sub>4-8</sub> cycloalkyl is replaced by a group selected from -O-, -S(O)<sub>n</sub>-, -NR<sup>2g</sup>-, -NCO<sub>2</sub>R<sup>2e</sup>, -NCOR<sup>2e</sup>, and -NSO<sub>2</sub>R<sup>2e</sup>; and wherein N<sup>4</sup> in 1-piperazinyl is substituted with 0-1 substituents selected from R<sup>2g</sup>, CO<sub>2</sub>R<sup>2e</sup>, COR<sup>2e</sup> and SO<sub>2</sub>R<sup>2e</sup>; or

the group R<sup>2i</sup>, R<sup>2j</sup>, R<sup>2k</sup>, C<sub>1-6</sub> alkyl, C<sub>2-8</sub> alkenyl, C<sub>2-8</sub> alkynyl, Br, Cl, F, I, C<sub>1-4</sub> haloalkyl, -OR<sup>2g</sup>, -NR<sup>2g</sup>R<sup>2h</sup>, -C<sub>1-6</sub> alkyl-OR<sup>2g</sup>, and C<sub>3-8</sub> cycloalkyl which is substituted with 0-1 R<sup>2i</sup> and in which 0-1 carbons of C<sub>4-8</sub> cycloalkyl is replaced by -O-, wherein

$R^{2i}$  is selected from aryl wherein aryl is selected from phenyl, naphthyl, indanyl and indenyl, each  $R^{2i}$  being substituted with 0-1  $OR^{2m}$  and 0-5 substituents independently selected from the group  $C_{1-6}$  alkyl,  $C_{3-6}$  cycloalkyl, Br, Cl, F, I,  $C_{1-4}$  haloalkyl, -CN, nitro, -SH,  $-S(O)_nR^{2n}$ ,  $-COR^{2m}$ ,  $-OC(O)R^{2n}$ ,  $-NR^{2g}COR^{2m}$ ,  $-N(COR^{2m})_2$ ,  $-NR^{2g}CONR^{2o}R^{2p}$ ,  $-NR^{2g}CO_2R^{2n}$ ,  $-NR^{2o}R^{2p}$  and  $-CONR^{2o}R^{2p}$ ;

$R^{2j}$  is selected from heteroaryl wherein heteroaryl is selected from pyridyl, pyrimidinyl, triazinyl, furanyl, quinolinyl, isoquinolinyl, thienyl, imidazolyl, thiazolyl, indolyl, pyrrolyl, oxazolyl, benzofuranyl, benzothienyl, benzothiazolyl, benzoxazolyl, isoxazolyl, pyrazolyl, triazolyl, tetrazolyl, indazolyl, 2,3-dihydrobenzofuranyl, 2,3-dihydrobenzothienyl, 2,3-dihydrobenzothienyl-s-oxide, 2,3-dihydro-benzothienyl-S-dioxide, indolinyl, benzoxazolin-2-onyl, benzodioxolanyl and benzodioxane, each heteroaryl being substituted on 0-4 carbon atoms with a substituent independently selected from the group  $C_{1-6}$  alkyl,  $C_{3-6}$  cycloalkyl, Br, Cl, F, I,  $C_{1-4}$  haloalkyl, -CN, nitro,  $OR^{2m}$ , -SH,  $-S(O)_nR^{2h}$ ,  $-COR^{2m}$ ,  $-OC(O)R^{2h}$ ,  $-NR^{2g}COR^{2m}$ ,  $-N(COR^{2m})_2$ ,  $-NR^{2g}CONR^{2o}R^{2p}$ ,  $-NR^{2g}CO_2R^{2h}$ ,  $-NR^{2o}R^{2p}$  and  $-CONR^{2o}R^{2p}$  and each heteroaryl being substituted on any nitrogen atom with 0-1 substituents selected from the group  $R^{2g}$ ,  $CO_2R^{2e}$ ,  $COR^{2e}$  and  $SO_2R^{2e}$ ;

$R^{2k}$  is heterocyclyl which is a saturated or partially saturated heteroaryl as defined for  $R^{2j}$ , each heterocyclyl being substituted on 0-4 carbon atoms with a substituent independently selected from the group  $C_{1-6}$  alkyl,  $C_{3-6}$  cycloalkyl, Br, Cl, F, I,  $C_{1-4}$  haloalkyl, -CN, nitro,  $-OR^{2m}$ , -SH,  $-S(O)_nR^{2h}$ ,  $-COR^{2m}$ ,  $-OC(O)R^{2h}$ ,  $-NR^{2g}COR^{2m}$ ,  $-N(COR^{2m})_2$ ,  $-NR^{2g}CONR^{2o}R^{2p}$ ,  $NR^{2g}CO_2R^{2h}$ ,  $-NR^{2o}R^{2p}$  and  $-CONR^{2o}R^{2p}$  and each heterocyclyl being substituted on any nitrogen atom with 0-1 substituents selected from the group  $R^{2f}$ ,  $CO_2R^{2e}$ ,  $COR^{2e}$  and  $SO_2R^{2e}$ ;

wherein

$R^{21}$  is H,  $C_{1-4}$  alkyl,  $C_{3-6}$  cycloalkyl- $C_{1-4}$  alkyl or  $C_{3-8}$  cycloalkyl;

$R^{2m}$  is H,  $C_{1-6}$  alkyl,  $C_{3-6}$  cycloalkyl  $C_{1-6}$  alkyl,  $C_{1-2}$  alkyloxy  $C_{1-2}$  alkyl,  $C_{1-4}$  haloalkyl,  $R^{2q}S(O)_n-C_{1-4}$  alkyl or  $R^{2r}R^{2s}N-C_{2-4}$  alkyl;

$R^{2n}$  is H,  $C_{1-6}$  alkyl,  $C_{3-10}$  cycloalkyl,  $C_{3-6}$  cycloalkyl- $C_{1-6}$  alkyl,  $C_{1-2}$  alkyloxy  $C_{1-2}$  alkyl, or  $C_{1-4}$  haloalkyl;

$R^{2o}$  and  $R^{2p}$  are independently selected at each occurrence from H,  $C_{1-6}$  alkyl,  $C_{3-10}$  cycloalkyl,  $C_{3-6}$  cycloalkyl  $C_{1-6}$  alkyl and  $C_{1-4}$  haloalkyl;

$R^{2q}$  is selected from  $C_{1-6}$  alkyl,  $C_{1-4}$  haloalkyl,  $C_{1-4}$  alkoxy-  $C_{1-4}$  alkyl,  $C_{3-6}$  cycloalkyl,  $C_{3-6}$  cycloalkyl-  $C_{1-6}$  alkyl, aryl, aryl ( $C_{1-4}$  alkyl), heteroaryl and heteroaryl ( $C_{1-4}$  alkyl)- and benzyl, each benzyl being substituted on the aryl moiety with 0-1 substituents selected from the group  $C_{1-4}$  alkyl, Br, Cl, F, I,  $C_{1-4}$  haloalkyl, nitro,  $C_{1-4}$  alkoxy  $C_{1-4}$  haloalkoxy, and dimethylamino;

$R^{2r}R^{2s}$  taken together with the N form 1-pyrrolidinyl, 1-morpholinyl, 1-piperidinyl or 1-piperazinyl wherein  $N^4$  in 1-piperiazinyl is substituted with 0-1 substituents selected from the group  $R^{2t}$ ,  $CO_2R^{2q}$ ,  $COR^{2q}$  and  $SO_2R^{2q}$ ;

$R^{2t}$  is selected from H,  $C_{1-4}$  alkyl,  $C_{1-4}$  haloalkyl,  $C_{1-4}$  alkoxy- $C_{1-4}$  alkyl,  $C_{3-6}$  cycloalkyl,  $C_{3-6}$  cycloalkyl -  $C_{1-6}$  alkyl, aryl, aryl ( $C_{1-4}$  alkyl)-, heteroaryl and heteroaryl ( $C_{1-4}$  alkyl);

$R^3$  is selected from an aryl or heteroaryl group attached through an unsaturated carbon atom;

aryl is selected from phenyl, naphthyl, indanyl and indenyl, each aryl being substituted with 0-5 substituents independently selected at each occurrence from  $C_{1-6}$  alkyl,  $C_{3-6}$  cycloalkyl, methylenedioxy,  $C_{1-4}$  alkyloxy- $C_{1-4}$  alkyloxy,  $-OR^{2m}$ , Br, Cl, F, I,  $C_{1-4}$  haloalkyl,  $-CN$ ,  $-NO_2$ ,  $-SH$ ,  $-S(O)_nR^{2n}$ ,  $-COR^{2m}$ ,  $-CO_2R^{2m}$ ,  $-OC(O)R^{2n}$ ,  $-NR^{2g}COR^{2m}$ ,  $-N(COR^{2m})_2$ ,  $-NR^{2g}CONR^{2o}R^{2p}$ ,  $-NR^{2g}CO_2R^{2h}$ ,  $-NR^{2o}R^{2p}$  and  $CONR^{2o}R^{2p}$ ;

heteroaryl is selected from the group pyridyl, pyrimidyl, triazinyl, furanyl, quinolinyl, isoquinolinyl, thienyl, imidazolyl, thiazolyl, indolyl, pyrrolyl, oxazolyl, benzofuranyl, benzothienyl, benzothiazolyl, benzoxazolyl, isoxazolyl, triazolyl, tetrazolyl, indazolyl, 2,3-dihydrobenzo-furanyl, 2,3-dihydrobenzothienyl, 2,3-dihydrobenzothienyl-S-oxide, 2,3-dihydrobenzothienyl-s-dioxide, indolinyl, benzoxazolin-2-on-yl, benzodioxolanyl and benzodioxane, each heteroaryl being substituted at 0-4 carbon atoms with a substituent independently selected at each occurrence from  $C_{1-6}$  alkyl,  $C_{3-6}$  cycloalkyl, Br, F, I,  $C_{1-4}$  haloalkyl,  $-CN$ ,  $NR^{2g}R^{2h}$ , nitro,  $-OR^{2m}$ ,  $-SH$ ,  $-S(O)_nR^{2n}$ ,  $COR^{2m}$ ,  $-CO_2R^{2m}$ ,  $-OC(O)R^{2n}$ ,  $-NR^{2g}COR^{2m}$ ,  $-N(COR^{2m})_2$ , and  $-NR^{2g}CONR^{2o}R^{2p}$  and each heteroaryl being substituted at any nitrogen atom with 0-1 substituents selected from the group  $R^{2g}$ ,  $CO_2R^{3a}$ ,  $COR^{3a}$  and  $SO_2R^{3a}$  wherein,

$R^{3a}$  is selected from the group  $C_{1-6}$  alkyl,  $C_{1-4}$  cycloalkyl- $C_{1-6}$  alkyl and benzyl, each benzyl being substituted on the aryl moiety with 0-1 substituents selected from the group  $C_{1-4}$  alkyl, Br, Cl, F, I,  $C_{1-4}$  haloalkyl, nitro,  $C_{1-4}$  alkoxy,  $C_{1-4}$  haloalkoxy, and dimethylamino;

$R^4$  and  $R^5$  are independently selected at each occurrence from H, Br, Cl, F, I,  $-CN$ ,  $C_{1-6}$  alkyl,  $C_{2-6}$  alkenyl,  $C_{2-6}$  alkynyl,  $C_{3-8}$  cycloalkyl,  $C_{1-6}$  alkyloxy,  $C_{1-6}$  alkylthio,  $C_{1-6}$  alkylsulfinyl,  $C_{1-6}$  alkylsulfonyl, amino,  $C_{1-4}$  alkylamino,  $(C_{1-4} \text{ alkyl})_2$  amino and

phenyl, each phenyl is substituted with 0-3 groups selected from the group consisting of C<sub>1-7</sub> alkyl, C<sub>3-8</sub> cycloalkyl, Br, Cl, F, I, -C(O)H, C<sub>1-4</sub> haloalkyl, nitro, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> haloalkoxy, C<sub>1-4</sub> alkylthio, C<sub>1-4</sub> alkylsulfinyl, C<sub>1-4</sub> alkylsulfonyl, C<sub>1-6</sub> alkylamino and (C<sub>1-4</sub> alkyl)<sub>2</sub> amino and wherein R<sup>4</sup> and R<sup>5</sup> non-phenyl groups may be substituted with 0-5 substituents selected from OH, halogen, -C(O)H, -OC<sub>1-6</sub>-alkyl and C<sub>1-6</sub> haloalkyl, C<sub>1-6</sub> alkyl, C<sub>3-7</sub> c-alkyl, C<sub>1-6</sub> alkyl(OH)<sub>n</sub>CO<sub>2</sub>R wherein R is H or C<sub>1-6</sub> alkyl, C<sub>1-6</sub> alkyl(OH)<sub>n</sub>, wherein n is 0-3 or R<sup>4</sup> and R<sup>5</sup> may join together to form a C<sub>3-6</sub> alkylene chain;

R<sup>6</sup>, R<sup>6a</sup> and R<sup>7</sup> are independently selected from: H, C<sub>1-10</sub> alkyl, C<sub>3-10</sub> cycloalkyl, C<sub>3-10</sub> alkenyl, C<sub>3-10</sub> alkynyl, C<sub>1-10</sub> haloalkyl, C<sub>2-8</sub> alkoxyalkyl, C<sub>4-12</sub> cycloalkylalkyl, C<sub>5-10</sub> cycloalkenyl, and C<sub>6-14</sub> cycloalkenylalkyl; and

R<sup>6</sup>, R<sup>6a</sup> and R<sup>7</sup> are substituted with 0-6 substituents independently selected from halogen, C<sub>1-4</sub> alkyl, C<sub>3-8</sub> cycloalkyl, C<sub>1-6</sub> alkyloxy, and C<sub>1-4</sub> haloalkyl.

3. (Original) A compound according to Claim 1 wherein

R<sup>1</sup> is selected from C<sub>1-6</sub> alkyl, C<sub>3-6</sub> cycloalkyl, C<sub>1-6</sub> alkoxy, C<sub>1-6</sub> alkylthio, -XR<sup>1c</sup> wherein R<sup>1</sup> is substituted with 0-6 substituents selected from halogen, C<sub>1-4</sub> alkyl or C<sub>1-4</sub> haloalkyl;

R<sup>2</sup> is selected from C<sub>1-10</sub> alkyl, C<sub>2-10</sub> alkenyl, C<sub>2-10</sub> alkynyl, C<sub>3-8</sub> cycloalkyl, C<sub>3-6</sub> cycloalkyl C<sub>1-6</sub> alkyl, and -NR<sup>2c</sup>R<sup>2d</sup> wherein R<sup>2</sup> is unsubstituted or substituted with 1-3 substituents independently selected from the group R<sup>2i</sup>, R<sup>2j</sup>, R<sup>2k</sup>, C<sub>1-6</sub> alkyl, C<sub>2-8</sub> alkenyl, C<sub>2-8</sub> alkynyl, Br, Cl, F, I, C<sub>1-4</sub> haloalkyl, -OR<sup>2g</sup>, -NR<sup>2g</sup>R<sup>2h</sup>, -C<sub>1-6</sub> alkyl-OR<sup>2g</sup>, and C<sub>3-8</sub> cycloalkyl which is substituted with 0-1 R<sup>2i</sup> and in which 0-1 carbons of C<sub>4-8</sub> cycloalkyl is replaced by -O-.

4. (Original) A compound according to Claims 1, wherein R<sup>3</sup> is selected from an aryl group selected from phenyl or substituted versions thereof or a heteroaryl group selected from pyridyl or substituted versions thereof.

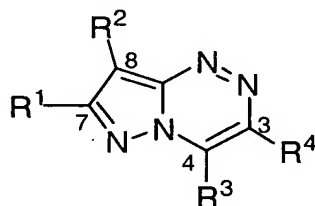
5. (Original) A compound according to Claim 4 wherein R<sup>3</sup> is substituted with 0-4 substituents independently selected from halogen, C<sub>1-4</sub> alkyloxy, C<sub>1-6</sub> alkyl or NR'R'' wherein R' and R'' are independently selected from H or C<sub>1-6</sub> alkyl.

6. (Original) A compound according to Claims 1 wherein R<sup>2</sup> is selected from 3-pentyl, NEt<sub>2</sub>, butyl, NHCH(CH<sub>2</sub>OMe)<sub>2</sub>, NHCH(CH<sub>2</sub>OEt)<sub>2</sub>, NHCH(Et)CH<sub>2</sub>OMe, NH-3-heptyl, NH-3-pentyl, NH-2-butyl, NH-3-hexyl, NHCH(CH<sub>2</sub>Ph)CH<sub>2</sub>OMe, NHCH(Et)CH<sub>2</sub>CH<sub>2</sub>OMe, NH-cyclobutyl, NH-cyclopentyl, NEtPr, NEtBu, NMePr, NMePh, Npr<sub>2</sub>, NPr(CH<sub>2</sub>-c-C<sub>3</sub>H<sub>5</sub>), N(CH<sub>2</sub>CH<sub>2</sub>OMe)<sub>2</sub>, morpholino, N(CH<sub>2</sub>Ph)CH<sub>2</sub>CH<sub>2</sub>OMe, N(Me)CH<sub>2</sub>CH<sub>2</sub>OMe, N(Et)CH<sub>2</sub>CH<sub>2</sub>OMe, N(CH<sub>2</sub>-c-C<sub>3</sub>H<sub>5</sub>)CH<sub>2</sub>CH<sub>2</sub>OMe, N(CH<sub>2</sub>-c-C<sub>3</sub>H<sub>5</sub>)Pr, N(CH<sub>2</sub>-c-C<sub>3</sub>H<sub>5</sub>)Et, OEt, OCH(Et)CH<sub>2</sub>OMe, OCH(Et)CH<sub>2</sub>CH<sub>2</sub>OMe, OCH(Me)CH<sub>2</sub>CH<sub>2</sub>OMe, O-3-pentyl, O-2-pentyl, S-3-pentyl, S-2-pentyl, SEt, S(O)Et, SO<sub>2</sub>Et, S-3-pentyl, S(O)-3-pentyl, SO<sub>2</sub>-3-pentyl, S-2-pentyl, S(O)-2-pentyl, SO<sub>2</sub>-2-pentyl, CH(CO<sub>2</sub>Et)<sub>2</sub>, C(Et)(CO<sub>2</sub>Et)<sub>2</sub>, CH(Et)CH<sub>2</sub>OH, CH(Et)CH<sub>2</sub>OMe, CH(Et)CH<sub>2</sub>CH<sub>2</sub>OMe, CONMe<sub>2</sub>, COCH<sub>3</sub>, COEt, COPr, CO-2-pentyl, CO-3-pentyl, CH(OH)CH<sub>3</sub>, C(OH)Me<sub>2</sub>, C(OH)Ph-3-pyridyl, CH(OMe)CH<sub>3</sub>, CH(OMe)Et, CH(OMe)Pr, CH(OEt)CH<sub>3</sub>, CH(OPr)CH<sub>3</sub>, 2-pentyl, 2-butyl, cyclobutyl, cyclopentyl, CH(Me)cyclobutyl, CH(OMe)cyclobutyl, CH(OH)cyclobutyl, CH(Me)cyclopropyl, CH(OMe)cyclopropyl, CH(OH)cyclopropyl, CH(Et)cyclobutyl, CH(Et)cyclopropyl, CH(OMe)cyclobutyl, CH(OMe)cyclopropyl, CH(OEt)cyclobutyl, CH(OEt)cyclopropyl, CH(Me)CH<sub>2</sub>-cyclobutyl, CH(OMe)CH<sub>2</sub>-cyclobutyl, CH(OH)CH<sub>2</sub>-cyclobutyl, CH(Me)CH<sub>2</sub>-cyclopropyl, CH(OMe)CH<sub>2</sub>-cyclopropyl, CH(OH)CH<sub>2</sub>-cyclopropyl,



CH(Et)CH<sub>2</sub>-cyclobutyl, CH(Et)CH<sub>2</sub>-cyclopropyl, CH(OMe)CH<sub>2</sub>-cyclobutyl, CH(OMe)CH<sub>2</sub>-cyclopropyl, CH(OEt)CH<sub>2</sub>-cyclobutyl, CH(OEt)CH<sub>2</sub>-cyclopropyl, CH(CH<sub>2</sub>OMe)cyclobutyl, CH(CH<sub>2</sub>OMe)cyclopropyl, CH(CH<sub>2</sub>OEt)cyclobutyl, CH(CH<sub>2</sub>OEt)cyclopropyl, CH(cyclobutyl)<sub>2</sub>, CH(cyclopropyl)<sub>2</sub>, CH(Et)CH<sub>2</sub>CONMe<sub>2</sub>, CH(Et)CH<sub>2</sub>CH<sub>2</sub>NMe<sub>2</sub>, CH(CH<sub>2</sub>OMe)Me, CH(CH<sub>2</sub>OMe)Et, CH(CH<sub>2</sub>OMe)Pr, CH(CH<sub>2</sub>OEt)Me, CH(CH<sub>2</sub>OEt)Et, CH(CH<sub>2</sub>OEt)Pr, CH(CH<sub>2</sub>C≡CMe)Et, CH(CH<sub>2</sub>C≡CMe)Et.

7. (Original) A compound of formula Ib



wherein R<sup>1</sup> is independently selected from the group consisting of

H,

halogen,

CN,

C<sub>1-6</sub> alkyl,

C<sub>2-10</sub> alkenyl,

C<sub>2-10</sub> alkynyl,

C<sub>3-6</sub> cycloalkyl,

C<sub>1-6</sub> alkyloxy,

C<sub>1-6</sub> alkylS(O)<sub>n</sub>,

-NR<sup>1a</sup>R<sup>1b</sup> wherein R<sup>1a</sup> and R<sup>1b</sup> are independently selected from H,

C<sub>1-4</sub> alkyl, C<sub>3-8</sub> cycloalkyl, -C(O)C<sub>1-4</sub>alkyl,

C<sub>1-6</sub> alkylNR<sup>1a</sup>R<sup>1b</sup>,

NR<sup>1a</sup>COR<sup>1b</sup>,

-C(O)NR<sup>1a</sup>R<sup>1b</sup>,

-O-C(O)C<sub>1-4</sub>alkyl,

-XR<sup>1c</sup> wherein R<sup>1c</sup> is selected from H or -C<sub>1-4</sub> alkylaryl;  
X is selected from O or S(O)<sub>n</sub>,

wherein R<sup>1</sup> is substituted with 0-6 substituents selected from halogen, C<sub>1-4</sub> alkyl, C<sub>3-8</sub> cycloalkyl, C<sub>1-6</sub> alkyloxy, C<sub>1-4</sub> haloalkyl, C<sub>1-4</sub> alkylamino, C<sub>2-8</sub> dialkylamino, C<sub>1-4</sub> alkylthio, C<sub>1-4</sub> alkylsulfinyl or C<sub>1-4</sub> alkylsulfonyl;

R<sup>2</sup> is selected from the group consisting of H, OR<sup>7</sup>, SH, NR<sup>6</sup>R<sup>7</sup>, C(OH)R<sup>6</sup>R<sup>6a</sup>, C(OR<sup>7</sup>)R<sup>6</sup>R<sup>6a</sup>, S(O)<sub>n</sub>R<sup>13</sup>, COR<sup>7</sup>, CO<sub>2</sub>R<sup>7</sup>, CHR<sup>6</sup>(OR<sup>7</sup>)R<sup>6a</sup>, OC(O)R<sup>13</sup>, NO, NO<sub>2</sub>, NR<sup>6</sup>C(O)R<sup>7</sup>, N(COR<sup>7</sup>)<sub>2</sub>, NR<sup>8</sup>CONR<sup>6</sup>R<sup>7</sup>, NR<sup>6</sup>CO<sub>2</sub>R<sup>7</sup>; or

C<sub>1-10</sub> alkyl,  
C<sub>2-10</sub> alkenyl,  
C<sub>2-10</sub> alkynyl,  
C<sub>3-8</sub> cycloalkyl,  
C<sub>3-6</sub> cycloalkyl C<sub>1-6</sub> alkyl,  
C<sub>1-10</sub> alkyloxy,  
C<sub>1-10</sub> alkyloxyC<sub>1-10</sub> alkyl,  
-SO<sub>2</sub>-C<sub>1-10</sub>alkyl  
-SO<sub>2</sub>R<sup>2a</sup> wherein R<sup>2a</sup> is aryl,  
-SO<sub>2</sub>R<sup>2b</sup> wherein R<sup>2b</sup> is heteroaryl,  
-NR<sup>2c</sup>R<sup>2d</sup> wherein R<sup>2c</sup> and R<sup>2d</sup> are independently selected from H, C<sub>1-8</sub> alkyl, S(O)<sub>n</sub>C<sub>1-4</sub>alkyl, C(O)NR<sup>2c</sup>R<sup>2d</sup>, CO<sub>2</sub>C<sub>1-4</sub>alkyl, C<sub>3-8</sub> cycloalkyl, C<sub>1-6</sub> alkyloxyC<sub>1-6</sub> alkyl, or -C(O)C<sub>1-4</sub>alkyl,  
  
- halogen,  
-CN,  
-C(O)-L wherein L is selected from H, NR<sup>2c</sup>R<sup>2d</sup>, C<sub>1-6</sub> alkyl or OC<sub>1-4</sub> alkyl, O(CH<sub>2</sub>)<sub>m</sub>OR wherein R is C<sub>1-3</sub> alkyl, O(CH<sub>2</sub>)<sub>m</sub>-NR<sup>2c</sup>R<sup>2d</sup>, OH, C(O)OC<sub>1-6</sub>alkyl or aryl or heteroaryl wherein m is 1-4;

-OC(O)-M wherein M is selected from C<sub>1-4</sub> alkyl, C<sub>1-4</sub> haloalkyl, C<sub>2-8</sub> alkoxyalkyl, C<sub>3-6</sub> cycloalkyl, C<sub>4-12</sub> cycloalkylalkyl, aryl, C<sub>1-6</sub> alkylaryl, heteroaryl, C<sub>1-6</sub> alkylheteroaryl;

n is 0, 1 or 2; and wherein

R<sup>2</sup> is substituted with 0-3 substituents independently selected from R', R'', R''' wherein R', R'' and R''' are independently selected from C<sub>1-6</sub> alkyl, C<sub>3-7</sub> cycloalkyl, hydroxyC<sub>1-6</sub> alkyl, C<sub>1-6</sub> alkyloxyC<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, C<sub>1-6</sub> alkyloxy, hydroxy, or

R<sup>2</sup> is substituted with 0-3 substituents independently selected from:

halogen,

-CN,

-S(O)<sub>n</sub>R<sup>2e</sup> wherein R<sup>2e</sup> is selected from C<sub>1-4</sub> alkyl, C<sub>1-4</sub> haloalkyl, C<sub>1-4</sub> alkyloxy C<sub>1-4</sub> alkyl, C<sub>3-6</sub> cycloalkyl;

-COR<sup>2f</sup> wherein R<sup>2f</sup> is selected from H, C<sub>1-4</sub> alkyl, C<sub>1-4</sub> haloalkyl, C<sub>1-4</sub> alkyloxy C<sub>1-4</sub> alkyl, C<sub>3-6</sub> cycloalkyl, and C<sub>3-6</sub> cycloalkylC<sub>1-4</sub> alkyl;

-CO<sub>2</sub>R<sup>2f</sup>,

-NR<sup>2g</sup>COR<sup>2f</sup> wherein R<sup>2g</sup> is selected from H, C<sub>1-6</sub> alkyl, C<sub>3-7</sub> cycloalkyl, C<sub>3-6</sub> cycloalkyl C<sub>1-6</sub> alkyl;

-N(COR<sup>2f</sup>)<sub>2</sub>,

-NR<sup>2g</sup>CONR<sup>2f</sup>R<sup>2h</sup>, wherein R<sup>2h</sup> is selected from H, C<sub>1-6</sub> alkyl, C<sub>1-4</sub> haloalkyl, C<sub>1-4</sub> alkoxy C<sub>1-4</sub> alkyl, C<sub>3-6</sub> cycloalkyl and C<sub>3-6</sub> cycloalkylC<sub>1-6</sub> alkyl;

-NR<sup>2g</sup>CO<sub>2</sub>R<sup>2e</sup>,

-CONR<sup>2g</sup>R<sup>2h</sup>,

1-morpholinyl,

1-piperidinyl,

1-piperazinyl,

and

C<sub>3-8</sub> cycloalkyl wherein 0-1 carbon atoms in the C<sub>4-8</sub> cycloalkyl is replaced by a group selected from -O-, -S(O)<sub>n</sub>-, -NR<sup>2g</sup>-, -NCO<sub>2</sub>R<sup>2e</sup>, -NCOR<sup>2e</sup>, and -NSO<sub>2</sub>R<sup>2e</sup>; and wherein N<sup>4</sup> in 1-piperazinyl is substituted with 0-1 substituents selected from R<sup>2g</sup>, CO<sub>2</sub>R<sup>2e</sup>, COR<sup>2e</sup> and SO<sub>2</sub>R<sup>2e</sup>; or

the group R<sup>2i</sup>, R<sup>2j</sup>, R<sup>2k</sup>, C<sub>1-6</sub> alkyl, C<sub>2-8</sub> alkenyl, C<sub>2-8</sub> alkynyl, Br, Cl, F, I, C<sub>1-4</sub> haloalkyl, -OR<sup>2g</sup>, -NR<sup>2g</sup>R<sup>2h</sup>, -C<sub>1-6</sub> alkyl-OR<sup>2g</sup>, and C<sub>3-8</sub> cycloalkyl which is substituted with 0-1 R<sup>2i</sup> and in which 0-1 carbons of C<sub>4-8</sub> cycloalkyl is replaced by -O-, wherein R<sup>2i</sup> is selected from aryl wherein aryl is selected from phenyl, naphthyl, indanyl and indenyl, each R<sup>2i</sup> being substituted with 0-1 OR<sup>2m</sup> and 0-5 substituents independently selected from the group C<sub>1-6</sub> alkyl, C<sub>3-6</sub> cycloalkyl, Br, Cl, F, I, C<sub>1-4</sub> haloalkyl, -CN, nitro, -SH, -S(O)<sub>n</sub>R<sup>2n</sup>, -COR<sup>2m</sup>, -OC(O)R<sup>2n</sup>, -NR<sup>2g</sup>COR<sup>2m</sup>, -N(COR<sup>2m</sup>)<sub>2</sub>, -NR<sup>2g</sup>CONR<sup>2o</sup>R<sup>2p</sup>, -NR<sup>2g</sup>CO<sub>2</sub>R<sup>2n</sup>, -NR<sup>2o</sup>R<sup>2p</sup> and -CONR<sup>2o</sup>R<sup>2p</sup>;

R<sup>2j</sup> is selected from heteroaryl wherein heteroaryl is selected from pyridyl, pyrimidinyl, triazinyl, furanyl, quinolinyl, isoquinolinyl, thienyl, imidazolyl, thiazolyl, indolyl, pyrrolyl, oxazolyl, benzofuranyl, benzothienyl, benzothiazolyl, benzoxazolyl, isoxazolyl, pyrazolyl, triazolyl, tetrazolyl, indazolyl, 2,3-dihydrobenzofuranyl, 2,3-dihydrobenzothienyl, 2,3-dihydrobenzothienyl-s-oxide, 2,3-dihydro-benzothienyl-S-dioxide, indolinyl, benzoxazolin-2-onyl, benzodioxolanyl and benzodioxane, each heteroaryl being substituted on 0-4 carbon atoms with a substituent independently selected from the group C<sub>1-6</sub> alkyl, C<sub>3-6</sub> cycloalkyl, Br, Cl, F, I, C<sub>1-4</sub> haloalkyl, -CN, nitro, OR<sup>2m</sup>, -SH, -S(O)<sub>n</sub>R<sup>2h</sup>, -COR<sup>2m</sup>, -OC(O)R<sup>2h</sup>, -NR<sup>2g</sup>COR<sup>2m</sup>, -N(COR<sup>2m</sup>)<sub>2</sub>, -NR<sup>2g</sup>CONR<sup>2o</sup>R<sup>2p</sup>, -NR<sup>2g</sup>CO<sub>2</sub>R<sup>2h</sup>, -NR<sup>2o</sup>R<sup>2p</sup> and -CONR<sup>2o</sup>R<sup>2p</sup> and each heteroaryl being substituted on any nitrogen atom with 0-1 substituents selected from the group R<sup>2g</sup>, CO<sub>2</sub>R<sup>2e</sup>, COR<sup>2e</sup> and SO<sub>2</sub>R<sup>2e</sup>;

$R^{2k}$  is heterocyclyl which is a saturated or partially saturated heteroaryl as defined for  $R^{2j}$ , each heterocyclyl being substituted on 0-4 carbon atoms with a substituent independently selected from the group  $C_{1-6}$  alkyl,  $C_{3-6}$  cycloalkyl, Br, Cl, F, I,  $C_{1-4}$  haloalkyl, -CN, nitro,  $-OR^{2m}$ , -SH,  $-S(O)_nR^{2h}$ ,  $-COR^{2m}$ ,  $-OC(O)R^{2h}$ ,  $-NR^{2g}COR^{2m}$ ,  $-N(COR^{2m})_2$ ,  $-NR^{2g}CONR^{2o}R^{2p}$ ,  $NR^{2g}CO_2R^{2h}$ ,  $-NR^{2o}R^{2p}$  and  $-CONR^{2o}R^{2p}$  and each heterocyclyl being substituted on any nitrogen atom with 0-1 substituents selected from the group  $R^{2f}$ ,  $CO_2R^{2e}$ ,  $COR^{2e}$  and  $SO_2R^{2e}$ ;

wherein

$R^{21}$  is H,  $C_{1-4}$  alkyl,  $C_{3-6}$  cycloalkyl- $C_{1-4}$  alkyl or  $C_{3-8}$  cycloalkyl;

$R^{2m}$  is H,  $C_{1-6}$  alkyl,  $C_{3-6}$  cycloalkyl  $C_{1-6}$  alkyl,  $C_{1-2}$  alkyloxy  $C_{1-2}$  alkyl,  $C_{1-4}$  haloalkyl,  $R^{2g}S(O)_n-C_{1-4}$  alkyl or  $R^{2r}R^{2s}N-C_{2-4}$  alkyl;

$R^{2n}$  is H,  $C_{1-6}$  alkyl,  $C_{3-10}$  cycloalkyl,  $C_{3-6}$  cycloalkyl- $C_{1-6}$  alkyl,  $C_{1-2}$  alkyloxy  $C_{1-2}$  alkyl, or  $C_{1-4}$  haloalkyl;

$R^{2o}$  and  $R^{2p}$  are independently selected at each occurrence from H,  $C_{1-6}$  alkyl,  $C_{3-10}$  cycloalkyl,  $C_{3-6}$  cycloalkyl  $C_{1-6}$  alkyl and  $C_{1-4}$  haloalkyl;

$R^{2q}$  is selected from  $C_{1-6}$  alkyl,  $C_{1-4}$  haloalkyl,  $C_{1-4}$  alkoxy-  $C_{1-4}$  alkyl,  $C_{3-6}$  cycloalkyl,  $C_{3-6}$  cycloalkyl-  $C_{1-6}$  alkyl, aryl, aryl ( $C_{1-4}$  alkyl), heteroaryl and heteroaryl ( $C_{1-4}$  alkyl)- and benzyl, each benzyl being substituted on the aryl moiety with 0-1 substituents selected from the group  $C_{1-4}$  alkyl, Br, Cl, F, I,  $C_{1-4}$  haloalkyl, nitro,  $C_{1-4}$  alkoxy  $C_{1-4}$  haloalkoxy, and dimethylamino;

$R^{2r}R^{2s}$  taken together with the N form 1-pyrrolidinyl, 1-morpholinyl, 1-piperidinyl or 1-piperazinyl wherein  $N^4$  in 1-piperiazinyl is substituted with 0-1 substituents selected from the group  $R^{2t}$ ,  $CO_2R^{2q}$ ,  $COR^{2q}$  and  $SO_2R^{2q}$ ,

$R^{2t}$  is selected from H,  $C_{1-4}$  alkyl,  $C_{1-4}$  haloalkyl,  $C_{1-4}$ alkoxy- $C_{1-4}$  alkyl,  $C_{3-6}$  cycloalkyl,  $C_{3-6}$  cycloalkyl -  $C_{1-6}$  alkyl, aryl, aryl ( $C_{1-4}$  alkyl)-, heteroaryl and heteroaryl ( $C_{1-4}$  alkyl);

$R^3$  is an aryl or heteroaryl group attached through an unsaturated carbon atom;

aryl is selected from phenyl, naphthyl, indanyl and indenyl, each aryl being substituted with 0-5 substituents independently selected at each occurrence from  $C_{1-6}$  alkyl,  $C_{3-6}$  cycloalkyl, methylenedioxy,  $C_{1-4}$  alkyloxy- $C_{1-4}$  alkyloxy,  $-OR^{2m}$ , Br, Cl, F, I,  $C_{1-4}$  haloalkyl,  $-CN$ ,  $-NO_2$ ,  $-SH$ ,  $-S(O)_nR^{2n}$ ,  $-COR^{2m}$ ,  $-CO_2R^{2m}$ ,  $-OC(O)R^{2n}$ ,  $-NR^{2g}COR^{2m}$ ,  $-N(COR^{2m})_2$ ,  $-NR^{2g}CONR^{2o}R^{2p}$ ,  $-NR^{2g}CO_2R^{2h}$ ,  $-NR^{2o}R^{2p}$  and  $CONR^{2o}R^{2p}$ ;

heteroaryl is selected from the group pyridyl, pyrimidyl, triazinyl, furanyl, quinolinyl, isoquinolinyl, thienyl, imidazolyl, thiazolyl, indolyl, pyrrolyl, oxazolyl, benzofuranyl, benzothienyl, benzothiazolyl, benzoxazolyl, isoxazolyl, triazolyl, tetrazolyl, indazolyl, 2,3-dihydrobenzo-furanyl, 2,3-dihydrobenzothienyl, 2,3-dihydrobenzothienyl-S-oxide, 2,3-dihydrobenzothienyl-s-dioxide, indolinyl, benzoxazolin-2-on-yl, benzodioxolanyl and benzodioxane, each heteroaryl being substituted at 0-4 carbon atoms with a substituent independently selected at each occurrence from the group  $C_{1-6}$  alkyl,  $C_{3-6}$  cycloalkyl, Br, F, I,  $C_{1-4}$  haloalkyl,  $-CN$ ,  $NR^{2g}R^{2h}$ , nitro,  $-OR^{2m}$ ,  $-SH$ ,  $-S(O)_nR^{2n}$ ,  $COR^{2m}$ ,  $-CO_2R^{2m}$ ,  $-OC(O)R^{2n}$ ,  $-NR^{2g}COR^{2m}$ ,  $-N(COR^{2m})_2$ ,  $-NR^{2g}CONR^{2o}R^{2p}$  and each heteroaryl being substituted at any nitrogen atom with 0-1

substituents selected from the group  $R^{2g}$ ,  $CO_2R^{3a}$ ,  $COR^{3a}$  and  $SO_2R^{3a}$  wherein,

$R^{3a}$  is selected from the group  $C_{1-6}$  alkyl,  $C_{1-4}$  cycloalkyl- $C_{1-6}$  alkyl and benzyl, each benzyl being substituted on the aryl moiety with 0-1 substituents selected from the group  $C_{1-4}$  alkyl, Br, Cl, F, I,  $C_{1-4}$  haloalkyl, nitro,  $C_{1-4}$  alkoxy,  $C_{1-4}$  haloalkoxy, and dimethylamino;

$R^4$  is independently selected at each occurrence from H, Br, Cl, F, I, -CN,  $C_{1-6}$  alkyl,  $C_{2-6}$  alkenyl,  $C_{2-6}$  alkynyl,  $C_{3-8}$  cycloalkyl,  $C_{1-6}$  alkyloxy,  $C_{1-6}$  alkylthio,  $C_{1-6}$  alkylsulfinyl,  $C_{1-6}$  alkylsulfonyl, amino,  $C_{1-4}$  alkylamino,  $(C_{1-4}$  alkyl)<sub>2</sub> amino and phenyl, each phenyl is substituted with 0-3 groups selected from the group consisting of  $C_{1-7}$  alkyl,  $C_{3-8}$  cycloalkyl, Br, Cl, F, I, -C(O)H,  $C_{1-4}$  haloalkyl, nitro,  $C_{1-4}$  alkoxy,  $C_{1-4}$  haloalkoxy,  $C_{1-4}$  alkylthio,  $C_{1-4}$  alkylsulfinyl,  $C_{1-4}$  alkylsulfonyl,  $C_{1-6}$  alkylamino and  $(C_{1-4}$  alkyl)<sub>2</sub> amino and wherein  $R^4$  non-phenyl groups may be substituted with 0-5 substituents selected from OH, halogen, -C(O)H, -OC<sub>1-6</sub>-alkyl and  $C_{1-6}$  haloalkyl,  $C_{1-6}$  alkyl,  $C_{3-7}$  c-alkyl,  $C_{1-6}$  alkyl(OH)<sub>n</sub>CO<sub>2</sub>R wherein R is H or  $C_{1-6}$  alkyl,  $C_{1-6}$  alkyl(OH)<sub>n</sub>, wherein n is 0-3;

$R^6$ ,  $R^{6a}$  and  $R^7$  are independently selected from: H,  $C_{1-10}$  alkyl,  $C_{3-10}$  cycloalkyl,  $C_{3-10}$  alkenyl,  $C_{3-10}$  alkynyl,  $C_{1-10}$  haloalkyl,  $C_{2-8}$  alkoxyalkyl,  $C_{4-12}$  cycloalkylalkyl,  $C_{5-10}$  cycloalkenyl, and  $C_{6-14}$  cycloalkenylalkyl;

$R^6$ ,  $R^{6a}$  and  $R^7$  are substituted with 0-6 substituents independently selected from halogen,  $C_{1-4}$  alkyl,  $C_{3-8}$  cycloalkyl,  $C_{1-6}$  alkyloxy and  $C_{1-4}$  haloalkyl.

8. (Canceled)

9. (Currently amended) A method of antagonizing a CRF-1 receptor in mammals including humans wherein binding to the receptor causes and ultimately results in the treatment of affective disorder, anxiety, depression, headache, irritable bowel syndrome, post-traumatic stress disorder, supranuclear palsy, immune suppression, Alzheimer's disease, gastrointestinal diseases, anorexia nervosa or other feeding disorder, drug addiction, drug or alcohol withdrawal symptoms, inflammatory diseases, cardiovascular or heart-related diseases, fertility problems, human immunodeficiency virus infections, hemorrhagic stress, obesity, infertility, head and spinal cord traumas, epilepsy, stroke, ulcers, amyotrophic lateral sclerosis, hypoglycemia or a disorder the treatment of which can be effected or facilitated by antagonizing CRF, comprising administering to the mammal a therapeutically effective amount of a compound according to Claims ~~1-8~~ 1 to 7.

10. (Currently amended) A pharmaceutical composition comprising a compound according to Claims ~~1-8~~ 1 to 7 and a pharmaceutically acceptable carrier.